IV Combined Ocean Outfall Data

Data Summaries.

This section presents the results of analyses of the South Bay Wastewater Reclamation Plant/International Wastewater Treatment Plant Combined Outfall (SB_ITP_COMB_OUT) for 2006.

SOUTH BAY WATER RECLAMATION PLANT QUARTERLY SEWAGE: COMBINED OUTFALL (SB_ITP_COMB_EFF)

From: 01-JAN-2006 To: 31-DEC-2006

BOD (Biochemical Oxygen Demand) 2	Date: Sample ID:	MDL	Units	07-FEB-2006 P328151	08-FEB-2006 P328152	09-MAY-2006 P338019	10-MAY-2006 P338020	08-AUG-2006 P348715
Total Suspended Solids 1.6 MG/L 52 50 50 PH 7.5 7.2 7.5 7.3 7.5 Settleable Solids 1.1 ML/L 0.1 3.0 Turbidity NTU 56.8 35.5 49.6 Total Kjeldahl Nitrogen 1.6 MG/L 40.9 MB ND Total Alkalinity (bicarbonate) 1.1 MG/L 32 33 31 Total Alkalinity (bicarbonate) 1.5 MG/L 351 329 292 Calcium Hardness .08 MG/L 148 175 183 Total Hardness .08 MG/L 148 170 183	-	=====	====			========		
Total Suspended Solids 1.6 MG/L 52 50 50 PH 7.5 7.2 7.5 7.3 7.5 Settleable Solids 1.1 ML/L 0.1 3.0 Turbidity NTU 56.8 35.5 49.6 Total Kjeldahl Nitrogen 1.6 MG/L 40.9 MB ND Total Alkalinity (bicarbonate) 1.1 MG/L 32 33 31 Total Alkalinity (bicarbonate) 1.5 MG/L 351 329 292 Calcium Hardness .08 MG/L 148 175 183 Total Hardness .08 MG/L 148 170 183	BOD (Biochemical Oxygen Demand)	2	MG/L	108		149		109
Volatile Supended Solids 1,6 MG/L 52 50 50 pH PH 7,5 7,2 7,5 7,3 7,5 Settleable Solids 1 ML/L 0.1 3.0 1 Turbidity NTU 56.8 53,5 49.6 6 Total Kjeldahl Nitrogen 1.6 MG/L 40.9 48.5 MD Ammonia-N .2 MG/L 32 33 31 Total Alkalinity (bicarbonate) 1.5 MG/L 320 236 226 Calcium Hardness .2 MG/L 148 175 183 Total Alkalinity (bicarbonate) .2 MG/L 200 236 226 Magnesium Hardness .2 MG/L 349 410 408 Aluminum Hardness .2 MG/L 349 410 408 Aluminum G. .0 UG/L .1 ND ND Arsenic A. .0 UG/L .1 ND			MG/L	60		71.3		66
PH		1.6	MG/L	52		50		50
Settleable Solids	<u>-</u>				7.2		7.3	
Turbidity	-	.1			0.1			
Total Kjeldahl Nitrogen 1.6 MG/L 40.9 48.5 41.7 Chlorine Residual, Total 1.1 MG/L 32 33 31 Total Alkalinity (bicarbonate) 1.5 MG/L 351 329 292 Calcium Hardness .2 MG/L 200 236 226 Magnesium Hardness .2 MG/L 200 236 226 Magnesium Hardness .2 MG/L 200 236 226 Aluminum 6.6 UG/L 344 340 410 408 Aluminum 6.6 UG/L 344 346 26 26 Antimony 1.0 UG/L 1.99 1.49 40 20 Barium 0.0 UG/L 1.99 1.49 1.49 2.08 Barium 0.0 UG/L 1.99 1.49 1.49 2.08 Barium 0.0 UG/L ND ND ND Boron 1.01 <td></td> <td></td> <td></td> <td>56.8</td> <td></td> <td>53.5</td> <td></td> <td>49.6</td>				56.8		53.5		49.6
Ammonia-N 2 MG/L 32 33 31 Total Alkalinity (bicarbonate) 1,5 MG/L 351 329 292 Calcium Hardness .0 MG/L 200 236 226 Magnesium Hardness .0 MG/L .148 1.75 183 Total Hardness .2 MG/L .349 410 408 Aluminum 6.6 UG/L .344 346 266 Antimony 1.02 UG/L .1 ND ND Arsenic .4 UG/L 1.99 1.49 .208 Barium .02015 UG/L 42 38 29 Beryllium .04 UG/L ND ND ND Boron 1,101 UG/L .405 .0.3 ND Cadaium 1,1945 UG/L .0.5 .0.3 ND Chromium .199 UG/L .0.5 .0.3 ND Chromium	-	1.6	MG/L	40.9		48.5		41.7
Total Alkalinity (bicarbonate) 1.5	Chlorine Residual, Total	.11	MG/L		ND		ND	
Calcium Hardness .2 MG/L 200 236 226 Magnesium Hardness .08 MG/L 148 175 183 Total Hardness .22 MG/L 349 410 408 Aluminum 6.6 UG/L 344 336 266 Antimony 1.02 UG/L 1.99 1.49 2.08 Barium .02015 UG/L 1.99 1.49 2.08 Barium .04 UG/L ND ND ND Boron 1.101 UG/L 405 451 434 Cadmium 1.1945 UG/L 0.5 0.3 ND Cobalt 1.62 UG/L 0.5 0.3 ND Chromium 1.99 UG/L 2.0 4 2 2 Cobalt 1.62 UG/L 1 2 4 2 2 3 299 1 10 2 3 299 1 1<	Ammonia-N	. 2	MG/L	32		33		31
Magnesium Hardness .08 MG/L 148 1.75 183 Total Hardness .22 MG/L 349 410 408 Aluminum 6.6 UG/L 344 346 266 Antimony 1.02 UG/L 1.99 1.49 2.08 Barium .02015 UG/L 42 38 29 Beryllium .04 UG/L ND ND ND Boron 1.101 UG/L 405 451 434 Cadmium .1945 UG/L 0.5 0.3 ND Chromium .19 UG/L 2 4 2 Cobalt .162 UG/L 1 2 3 Copper .3925 UG/L 1 2 3 Lead 1.4 UG/L 1 2 3 Lead 1.4 UG/L 1 5 9 1 Mercury .09 UG/L	Total Alkalinity (bicarbonate)	1.5	MG/L	351		329		292
Total Hardness .22 MG/L 349 410 408 Aluminum 6.6 UG/L 344 346 266 Antimony 1.02 UG/L -1 ND ND Arsenic .4 UG/L 1.99 1.49 2.08 Baryllium .04 UG/L ND ND ND Boron 1.101 UG/L 405 451 434 Cadmium .1945 UG/L 0.5 0.3 ND Chromium .19 UG/L 2 4 2 Cobalt .162 UG/L 1 2 3 38 29 Iron .192 UG/L 1 2 4 2 2 3 28 29 1 1 2 3 28 29 1 1 2 2 3 3 28 1 2 2 3 3 28 1 2 2	Calcium Hardness	. 2	MG/L	200		236		226
Aluminum 6.6 UG/L 344 346 266 Antimony 1.02 UG/L <1 ND ND Arsenic 4 UG/L 1.99 1.49 2.08 Barium 0.2015 UG/L 42 38 29 Beryllium 0.4 UG/L ND ND ND Boron 1.101 UG/L 405 451 434 Cadmium .1945 UG/L 0.5 0.3 ND Chromium .19 UG/L 0.5 0.3 ND Chromium .19 UG/L 1 0 2 4 2 Cobalt .162 UG/L 1 2 3 29 Iron .79 UG/L 2130 2870 2840 Lead 1.4 UG/L 135 155 91.8 Mercury .09 UG/L 135 155 91.8 Mercury .0	Magnesium Hardness	.08	MG/L	148		175		183
Antimony	Total Hardness	.22	MG/L	349		410		408
Arsenic	Aluminum	6.6	UG/L	344		346		266
Barium .02015 UG/L 42 38 29 Beryllium .04 UG/L ND ND ND Boron 1.101 UG/L 405 451 434 Cadmium .1945 UG/L 0.5 0.3 ND Chromium .19 UG/L 2 4 2 Cobalt .162 UG/L 1 2 3 Copper .3325 UG/L 50 38 29 Iron .79 UG/L 2130 2870 2840 Lead 1.4 UG/L 6 ND 2 Manganese .0494 UG/L 135 155 91.8 Mercury .09 UG/L ND ND ND Molybelnum .122 UG/L 9 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 15 43	Antimony	1.02	UG/L	<1		ND		ND
Beryllium	Arsenic	. 4	UG/L	1.99		1.49		2.08
Born	Barium	.02015	UG/L	42		38		29
Cadmium 1.945 UG/L 0.5 0.3 ND Chromium 1.9 UG/L 2 4 2 Cobalt 1.62 UG/L 1 2 3 Copper 3.3925 UG/L 50 38 29 Iron .79 UG/L 2130 2870 2840 Lead 1.4 UG/L 6 ND 2 Manganese .0494 UG/L 135 155 91.8 Mercury .09 UG/L ND ND ND Molybdenum .122 UG/L 9 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND <td>Beryllium</td> <td>.04</td> <td>UG/L</td> <td>ND</td> <td></td> <td>ND</td> <td></td> <td>ND</td>	Beryllium	.04	UG/L	ND		ND		ND
Chromium 1.19 UG/L 2 4 2 Cobalt 1.162 UG/L 1 2 3 Copper 3.3925 UG/L 50 38 29 Iron .79 UG/L 2130 2870 2840 Lead 1.4 UG/L 6 ND 2 Manganese .0494 UG/L 135 155 91.8 Mercury .09 UG/L ND ND ND Molybdenum .122 UG/L 9 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND 1 2 Vanadium .48 UG/L 10	Boron	1.101	UG/L	405		451		434
Cobalt .162 UG/L 1 2 3 3 29 Copper .3925 UG/L 50 38 29 2840	Cadmium	.1945	UG/L	0.5		0.3		ND
Copper .3925 UG/L 50 38 29 Iron .79 UG/L 2130 2870 2840 Lead 1.4 UG/L 6 ND 2 Manganese .0494 UG/L 135 155 91.8 Mercury .09 UG/L ND ND ND Molybdenum .122 UG/L 9 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 151 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Selenium .18 UG/L 1.0 0.4 ND Vanadium .48 UG/L 1.0 7 7 Zinc .55 UG/L 95 49 37 Zinc .55 UG/L 95 49 37 Zinc .55 UG/L 0.58 0.56	Chromium	.19	UG/L	2		4		2
Iron .79 UG/L 2130 2870 2840 Lead 1.4 UG/L 6 ND 2 Manganese .0494 UG/L 135 155 91.8 Mercury .09 UG/L ND ND ND Molybdenum .122 UG/L 9 8 7 Mckel .27 UG/L 15 43 18 Selenium .28 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND 2 Vanadium 1.48 UG/L ND ND 2 Zinc .55 UG/L .95 49 37 Bromide .1 MG/L .95 49 37 Bromide .1 MG/L .058 0.56	Cobalt	.162	UG/L	1		2		3
Lead 1.4 UG/L 6 ND 2 Manganese .0494 UG/L 135 155 91.8 Mercury .09 UG/L ND ND ND Molybdenum .122 UG/L 9 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND 2 Vanadium 4.8 UG/L ND ND 2 Vanadium 4.8 UG/L ND 7 7 7 Zinc .55 UG/L 9.5 49 37 7 Bromide .1 MG/L 0.58 0.56 0.50 0.50 Chloride 7 MG/L 0.82 0.78 1.12 ND Nitrate	Copper	.3925	UG/L	50		38		29
Manganese .0494 UG/L 135 155 91.8 Mercury .09 UG/L ND ND ND Molybdenum .122 UG/L 19 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND ND Vanadium 1.806 UG/L ND ND 2 Vanadium 4.8 UG/L ND ND 2 Vanadium 4.8 UG/L ND ND 37 Bromide .1 MG/L 9.5 49 37 Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L ND	Iron	.79	UG/L	2130		2870		2840
Mercury .09 UG/L ND ND ND Molybdenum .122 UG/L 9 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND 2 Vanadium .48 UG/L 10 7 7 Zinc .48 UG/L 95 49 37 Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride 7 MG/L 345 342 346 Sulfate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 80 <	Lead	1.4	UG/L	6		ND		2
Molybdenum .122 UG/L 9 8 7 Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.00 0.4 MD Thallium 1.806 UG/L ND ND ND Vanadium .48 UG/L ND ND 7 7 Zinc .55 UG/L .95 49 37 7 Zinc .55 UG/L .95 49 37 7 Bromide .1 MG/L .058 0.56 0.50 0.50 Chloride 7 MG/L .345 .342 .342 .345 Fluoride .05 MG/L .082 0.78 .112 Nitrate .04 MG/L .05 .05 .05 .05 Sulfate .2 .04 .05 .05 .3	Manganese	.0494	UG/L	135		155		91.8
Nickel .27 UG/L 15 43 18 Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND 2 Vanadium .48 UG/L 10 7 7 Zinc .55 UG/L 95 49 37 Bromide .1 MG/L 95 49 37 Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate .9 MG/L 367 358 393 Calcium .034 MG/L 80	Mercury	.09	UG/L	ND		ND		ND
Selenium .28 UG/L 1.51 2.0 2.29 Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND 2 Vanadium .48 UG/L 10 7 7 7 Zinc .55 UG/L 95 49 37 7 Bromide .1 MG/L 0.58 0.56 0.50 0.50 Chloride 7 MG/L 345 342 346 346 51 346 51 346 51 346 346 51 346 51 346 51 346 51 346 51 346 51 346 51 346 51 346 51 346 51 346 51 346 51 346 51 346 51 32 346 51 32 346 51 32 346 51 32 34	Molybdenum	.122	UG/L	9		8		7
Silver .16 UG/L 1.0 0.4 ND Thallium 1.806 UG/L ND ND 2 Vanadium .48 UG/L 10 7 7 Zinc .55 UG/L 95 49 37 Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006	Nickel	.27	UG/L	15		43		18
Thallium 1.806 UG/L ND ND 2 Vanadium .48 UG/L 10 7 7 Zinc .55 UG/L 95 49 37 Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L	Selenium	.28	UG/L	1.51		2.0		2.29
Vanadium .48 UG/L 10 7 7 Zinc .55 UG/L 95 49 37 Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 36 9 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Silver	.16	UG/L	1.0		0.4		ND
Zinc .55 UG/L 95 49 37 Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 36 42 44 Potassium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Thallium	1.806	UG/L	ND		ND		2
Bromide .1 MG/L 0.58 0.56 0.50 Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Vanadium	.48	UG/L	10		7		7
Chloride 7 MG/L 345 342 346 Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Zinc	.55	UG/L	95		49		37
Fluoride .05 MG/L 0.82 0.78 1.12 Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Bromide	.1	MG/L	0.58		0.56		0.50
Nitrate .04 MG/L ND 0.17 ND Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Chloride	7	MG/L	345		342		346
Ortho Phosphate .2 MG/L 9.63 5.32 8.26 Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Fluoride	.05	MG/L	0.82		0.78		1.12
Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Nitrate	.04	MG/L	ND		0.17		ND
Sulfate 9 MG/L 367 358 393 Calcium .034 MG/L 80 94 90 Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Ortho Phosphate	. 2	MG/L	9.63		5.32		8.26
Lithium .001 MG/L 0.06 0.06 0.08 Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Sulfate	9	MG/L	367		358		393
Magnesium .014 MG/L 36 42 44 Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Calcium	.034	MG/L	80		94		90
Potassium .04 MG/L 17 21 24 Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Lithium	.001	MG/L	0.06		0.06		0.08
Sodium .223 MG/L 263 295 323 Cyanides, Total .002 MG/L 0.006 0.006 0.003	Magnesium	.014	MG/L	36		42		44
Cyanides, Total .002 MG/L 0.006 0.006 0.003	Potassium	.04	MG/L	17		21		24
	Sodium	.223	MG/L	263		295		323
Sulfides-Total .18 MG/L 0.47 0.29 0.76	Cyanides, Total	.002	MG/L	0.006		0.006		0.003
	Sulfides-Total	.18	MG/L	0.47		0.29		0.76

ND= Not Detected NA= Not Analyzed NS= Not Sampled

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT QUARTERLY SEWAGE: COMBINED OUTFALL (SB_ITP_COMB_EFF)

From: 01-JAN-2006 To: 31-DEC-2006

Date: Sample ID:	MDL	Units	09-AUG-2006 P348716	03-OCT-2006 P355809	04-OCT-2006 P355810
BOD (Biochemical Oxygen Demand)		MG/L		108	
Total Suspended Solids	1.6	MG/L		43	
Volatile Suspended Solids	1.6	MG/L		36	
pH		PH	7.3	7.8	7.3
Settleable Solids	.1	ML/L	ND		ND
Turbidity		NTU		53.5	
Total Kjeldahl Nitrogen	1.6	MG/L		40.9	
Chlorine Residual, Total	.11	MG/L	NA*		ND
Ammonia-N	. 2	MG/L		32	
Total Alkalinity (bicarbonate)	1.5	MG/L		292	
Calcium Hardness	. 2	MG/L		191	
Magnesium Hardness	.08	MG/L		151	
Total Hardness	.22	MG/L		342	
Aluminum	6.6	UG/L		248	
Antimony	1.02	UG/L		ND	
Arsenic	. 4	UG/L		2.31	
Barium	.02015	UG/L		25	
Beryllium	.04	UG/L		ND	
Boron	1.101	UG/L		374	
Cadmium	.1945	UG/L		0.3	
Chromium	.19	UG/L		4	
Cobalt	.162	UG/L		ND	
Copper	.3925	UG/L		31	
Iron	.79	UG/L		2210	
Lead	1.4	UG/L		ND	
Manganese	.0494	UG/L		104	
Mercury	.09	UG/L		ND	
Molybdenum	.122	UG/L		9	
Nickel	.27	UG/L		21	
Selenium	.28	UG/L		1.52	
Silver	.16	UG/L		0.5	
Thallium	1.806	UG/L		ND	
Vanadium	.48	UG/L		2	
Zinc	.55	UG/L		36	
Bromide	.1	MG/L		0.55	
Chloride	7	MG/L		329	
Fluoride	.05	MG/L		0.87	
Nitrate	.04	MG/L		ND	
Ortho Phosphate	. 2	MG/L		8.62	
Sulfate	9	MG/L		267	
Calcium	.034	MG/L		77	
Lithium	.001	MG/L		0.05	
Magnesium	.014	MG/L		37	
Potassium	.04	MG/L		22	
Sodium	.223	MG/L		291	
Cyanides, Total	.002	MG/L		0.003	
Sulfides-Total	.18	MG/L		ND	

^{* =} Sample not analyzed, sample was very dark.

ND= Not Detected NA= Not Analyzed NS= Not Sampled

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT ANNUAL SEWAGE: COMBINED OUTFALL Temperature

From 01-JAN-2006 to 31-DEC-2006

	Temperature
	GRAB
	(C)
========	========
08-FEB-2006	21.3
10-MAY-2006	23.1
09-AUG-2006	28.6
04-OCT-2006	23.7
========	========
Average:	24.2
Maximum:	28.6
Minimum:	21.3

NA= Not Analyzed NS= Not Sampled ND= Not Detected

SOUTH BAY WATER RECLAMATION PLANT ANNUAL SEWAGE: COMBINED EFFLUENT Ammonia-Nitrogen and Total Cyanides

From: 01-JAN-2006 To: 31-DEC-2006

	Ammonia-N .2 MG/L COMB EFF	Cyanides,Total .002 MG/L COMB EFF
=========	=========	==========
FEBRUARY -2006	32.1	0.0058
MAY -2006	33.1	0.0063
AUGUST -2006	30.6	0.0030
OCTOBER -2006	32.3	0.0035
=========	=========	==========
Average:	32.0	0.0047

ND= not detected NA= not analyzed NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT ANNUAL SEWAGE: COMBINED OUTFALL Radioactivity

From: 01-JAN-2006 To: 31-DEC-2006

Source	Month		Gross	Alpha	Radiation
==========			======	:	
SB_ITP_COMB_EFF	FEBRUARY	-2006			3.0±1.5
SB_ITP_COMB_EFF	MAY	-2006			3.7±1.3
${\tt SB_ITP_COMB_EFF}$	AUGUST	-2006			2.8±1.5
${\tt SB_ITP_COMB_EFF}$	OCTOBER	-2006			0.4±0.8
	=======	=====	======	:	
AVERAGE					2.5±1.3

Source	Month		Gross	Beta	Radiation
==========	=======		======		
SB_ITP_COMB_EFF	FEBRUARY	-2006			14.8±3.7
SB_ITP_COMB_EFF	MAY	-2006			10.5±3.2
SB_ITP_COMB_EFF	AUGUST	-2006			11.6±3.5
SB_ITP_COMB_EFF	OCTOBER	-2006			18.1±4.5
==========	=======		=======		
AVERAGE					13.8±3.7

ND= not detected NA= not analyzed NS= not sampled

Units in picocuries/liter (pCi/L)

SOUTH BAY WATER RECLAMATION PLANT SEWAGE ANNUAL: COMBINED EFFLUENT Chlorinated Pesticide Analysis From 01-JAN-2006 To 31-DEC-2006

			EFF FEB	EFF MAY	EFF AUG	EFF OCT	EFF
Analyte	MDL ====	Units	Avg	Avg	Avg	_	Average
Aldrin	60	NG/L	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	63	73	45	21	51
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND
Toxaphene		NG/L	ND	ND	ND	ND	ND
PCB 1016		NG/L	ND	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND	ND
PCB 1232		NG/L	ND	ND	ND	ND	ND
PCB 1242		NG/L	ND	ND	ND	ND	ND
PCB 1248		NG/L	ND	ND	ND	ND	ND
PCB 1254		NG/L	ND	ND	ND	ND	ND
PCB 1260		NG/L	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND
Aldrin , Dioldrin	60	===== NC /T	=====	0	0	0	0
Aldrin + Dieldrin	20	NG/L	63	73	45	21	51
Hexachlorocyclohexanes DDT and derivatives	100	NG/L NG/L	0.3	0	45	0	0
Chlordane + related cmpds.	80	NG/L NG/L	0	0	0	0	0
Polychlorinated biphenyls	4000		0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0
=======================================		NG/L	=====	=====	=====		=====
Heptachlors	20	NG/L	0	0	0	0	0
=======================================		=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons		NG/L	63	73	45	21	51
,		,	0.5	. 3	-3		

[&]quot;Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

SOUTH BAY WATER RECLAMATION PLANT SEWAGE ANNUAL: COMBINED EFFLUENT Acid Extractables

From 01-JAN-2006 To 31-DEC-2006

			EFF FEB	EFF MAY	EFF AUG	EFF OCT	
Analyte	MDL	Units	Avg	Avg	Avg		Average
	====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND	ND
Phenol	2.53	UG/L	20.8	34.9	23.6	20.5	25.0
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND	ND
	====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	5.87	UG/L	0.0	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	20.8	34.9	23.6	20.5	25.0
Phenols	6.07	UG/L	20.8	34.9	23.6	20.5	25.0
Additional analytes determined;							
		=====	=====	=====	=====	=====	=====
2-methylphenol	1.51	UG/L	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	9.0	ND	ND	ND	2.3
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND	ND

SOUTH BAY WATER RECLAMATION PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals COMBINED EFFLUENT

From 01-JAN-2006 To 31-DEC-2006

			EFF		EFF	EFF	EFF
Analyte	MDL	Units	FEB Avg	MAY	AUG Avg	OCT	Average
_	=====		_	_	_	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	2.4	ND	ND	0.6
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND
Acenaphthene 2,4-dinitrotoluene	2.2 1.49	UG/L UG/L	ND	ND	ND	ND	ND
Fluorene	2.43	UG/L UG/L	ND	ND ND	ND ND	ND ND	ND ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	18.4*	33.9*	ND#	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene 1,2-diphenylhydrazine	6.5 2.49	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND
		=====		=====			
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0
Polynuc. Aromatic Hydrocarbons		UG/L	0.0	0.0	0.0	0.0	0.0
======================================				=====			
Base/Neutral Compounds	10.43		2.5	2.4	0.0	0.0	1.2
=======================================				=====			
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND	ND

^{* =} Contamination from newly-purchased solvent bottle; data for this compound will be considered not reportable for this batch and for review only.

[#] = Bis(2-ethylhexyl)phthalate was detected in the blank of this batch at a level just above the detection limit. It is suspected that a source within the laboratory contributed to blank contamination. The source of the internal Bis(2-ethylhexyl)phthalate contamination is continuing to be investigated. Please see note at the end of quarterly report.

SOUTH BAY WATER RECLAMATION PLANT ANNUAL SEWAGE: COMBINED EFFLUENT Tributyl Tin Analysis From 01-JAN-2006 To 31-DEC-2006

			EFF	EFF	EFF	EFF	
			FEB	MAY	AUG	OCT	
Analyte	\mathtt{MDL}	Units					Average
=========	===	=====	=====	=====	=====	=====	=====
Dibutyl tin	7	UG/L	ND	ND	ND	ND	ND
Monobutyl Tin	16	UG/L	ND	ND	ND	ND	ND
Tributyl tin	2	UG/L	ND	ND	ND	ND	ND

SOUTH BAY WATER RECLAMATION PLANT SEWAGE ANNUAL: COMBINED EFFLUENT Priority Pollutants Purgeables From 01-JAN-2006 To 31-DEC-2006

			EFF FEB	EFF MAY	EFF AUG	EFF OCT	EFF
Analyte	MDL	Units	Avg	Avg	Avg	Avg	Average
	====	=====	=====	=====	=====	=====	====
Chloromethane	1	UG/L	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND
Acrolein 1,1-dichloroethane	11.4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND
Methylene chloride	1	UG/L	2.2	ND	1.7	2.0	1.5
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
Acrylonitrile		UG/L	ND	ND	ND	ND	ND
Chloroform	1	UG/L	6.9	3.8	3.0	3.4	4.3
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	2.1	ND	ND	ND	0.5
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
Toluene	1	UG/L	50.8	17.1	11.2	18.1	24.3
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	1.2	ND	ND	0.3
Dibromochloromethane Chlorobenzene	1 1	UG/L UG/L	2.3 ND	ND ND	ND ND	ND ND	0.6 ND
Ethylbenzene	1	UG/L	2.1	1.0	ND	ND	0.8
Bromoform	1	UG/L	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	4.9	4.5	4.4	3.6	4.4
1,2-dichlorobenzene	1	UG/L	ND	ND	ND	ND	ND
	====	=====	=====	=====	=====	=====	=====
Halomethane Purgeable Cmpnds		UG/L	4.4	0.0	0.0	0.0	1.1
Dunganhla Compounds			71.3	27.6	20.3	==== 27.1	36.6
Purgeable Compounds		UG/L =====				=====	
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND
Carbon disulfide	1	UG/L	1.8	2.1	4.3	2.0	2.6
Acetone	20	UG/L	900	522	804	434	665
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND
2-butanone	4	UG/L	29.2	15.0	18.7	96.4	39.8
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND		109.0	27.3
meta,para xylenes ortho-xylene	3.1 3.4	UG/L	8.9 5.0	3.9	ND	3.3	4.0 1.3
ortno-xylene Isopropylbenzene	3.4 4.4	UG/L UG/L	ND	ND ND	ND ND	ND ND	ND
Styrene	4.7	UG/L	ND ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene		UG/L	ND	ND	ND	ND	ND
I, Z, I-CIIICIIIOI ODEIIZEIIE	1.11	об/ п	ИП	עועו	ип	ип	עווי

SOUTH BAY WATER RECLAMATION PLANT QUARTERLY SEWAGE - COMBINED OUTFALL (SB_ITP_COMB_EFF)Organophosphorus Pesticides EPA Method 614/622 (with additions) From 01-JAN-2006 To 31-DEC-2006

SB_ITP_COMB_SB_ITP_COMB_EFF 09-MAY-2006 03-OCT-2006 P338019 P355809 MDL Units Analyte Demeton O .15 UG/L ND ND .08 UG/L ND Demeton S ND ND Diazinon .03 UG/L ND .15 UG/L Guthion ND .03 UG/L Malathion ND .03 UG/L ND Parathion ND Tetraethylpyrophosphate UG/L NA ND .05 UG/L Dichlorvos ND .2 UG/L ND ND Dibrom ND .04 UG/L ND Ethoprop .04 UG/L ND ND Phorate .04 UG/L ND ND NA ND Sulfotepp .02 UG/L Disulfoton ND .02 UG/L UG/L .04 UG/L .03 UG/T Monocrotophos NA Dimethoate ND ND .03 UG/L .04 UG/L ND ND Ronnel ND Trichloronate ND .09 UG/L Merphos ND ND .03 UG/L .06 UG/L Dichlofenthion ND ND ND Tokuthion ND .03 UG/L ND ND Stirophos .07 UG/L Bolstar ND ND Fensulfothion .07 UG/L
Fensulfothion .07 UG/L
EPN .09 UG/L
Coumaphos .15 UG/L
Mevinphos, e isomer .05 UG/L
Mevinphos, z isomer .3 UG/L
Chlorpyrifos .03 UG/L ND Thiophosphorus Pesticides .15 UG/L 0.0 0.0 .15 UG/L Demeton -O, -S 0.0 0.0

Total Organophosphorus Pesticides .3 UG/L 0.0 0.0

SOUTH BAY WATER RECLAMATION PLANT Annual Sewage Dioxin and Furan Analysis COMBINED OUTFALL

From 01-JAN-2006 To 31-DEC-2006

				COMB EFF FEB	COMB EFF MAY	COMB EFF AUG	COMB EFF OCT
Analyte:	MDL	Units	Equiv	P328151	P338019	P348715	P355809
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF		PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF		PG/L	0.010	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND
Analyte:	MDL	Units	Equiv	COMB EFF TCCD FEB P328151	COMB EFF TCCD MAY P338019	COMB EFF TCCD AUG P348715	COMB EFF TCCD OCT P355809
	====		=====	TCCD FEB P328151	TCCD MAY P338019	TCCD AUG P348715	TCCD OCT P355809
2,3,7,8-tetra CDD	==== 500	====== PG/L	1.000	TCCD FEB P328151 ===================================	TCCD MAY P338019 =====	TCCD AUG P348715 =======	TCCD OCT P355809 ======
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD	==== 500 500	PG/L	1.000 0.500	TCCD FEB P328151 ===================================	TCCD MAY P338019 ND ND	TCCD AUG P348715 ND ND	TCCD OCT P355809 ====== ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD	==== 500 500 500	PG/L PG/L PG/L	1.000 0.500 0.100	TCCD FEB P328151 ===================================	TCCD MAY P338019 ND ND ND	TCCD AUG P348715 ND ND ND ND	TCCD OCT P355809 ====== ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD	==== 500 500 500 500	PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	TCCD FEB P328151 ===================================	TCCD MAY P338019 ND ND ND ND ND	TCCD AUG P348715 PND ND ND ND ND ND	TCCD OCT P355809 ====== ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD	==== 500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	TCCD FEB P328151 ND ND ND ND ND ND ND ND	TCCD MAY P338019 ND ND ND ND ND ND ND ND	TCCD AUG P348715 ND ND ND ND ND ND ND ND	TCCD OCT P355809 ND ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD	==== 500 500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100	TCCD FEB P328151	TCCD MAY P338019 P338019 ND	TCCD AUG P348715 ======= ND	TCCD OCT P355809 ======= ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD	==== 500 500 500 500 500 500 1000	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010	TCCD FEB P328151 ND ND ND ND ND ND ND ND	TCCD MAY P338019 P338019 P0 ND	TCCD AUG P348715 ======= ND	TCCD OCT P355809 ND ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF	==== 500 500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100	TCCD FEB P328151 FEB ND	TCCD MAY P338019 P338019 ND	TCCD AUG P348715 ======= ND	TCCD OCT P355809 ======= ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD cota CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF	==== 500 500 500 500 500 500 1000 250 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100 0.050	TCCD FEB P328151 TD ND	TCCD MAY P338019 P338019 P0 ND N	TCCD AUG P348715 ======= ND	TCCD OCT P355809 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 1,2,3,4,6,7,8-hepta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 2,3,4,7,8-penta CDF	==== 500 500 500 500 500 500 1000 250	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100	TCCD FEB P328151 ND	TCCD MAY P338019 P338019 ND	TCCD AUG P348715 ======= ND	TCCD OCT P355809 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD cota CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF	==== 500 500 500 500 500 500 1000 250 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001 0.001 0.050 0.500	TCCD FEB P328151 ND	TCCD MAY P338019 P338019 P338019 P34 P35 P36 P37	TCCD AUG P348715 ======= ND	TCCD OCT P355809 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF	500 500 500 500 500 500 500 1000 250 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001 0.001 0.050 0.500 0.100	TCCD FEB P328151 ND	TCCD MAY P338019 ND	TCCD AUG P348715 ND	TCCD OCT P355809 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,7,8-tetra CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF	==== 500 500 500 500 500 1000 250 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001 0.001 0.100 0.050 0.500 0.100	TCCD FEB P328151 ND	TCCD MAY P338019 ND	TCCD AUG P348715 ND	TCCD OCT P355809 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 1,2,3,7,8-penta CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF	==== 500 500 500 500 500 500 1000 250 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001 0.001 0.050 0.500 0.100 0.100	TCCD FEB P328151	TCCD MAY P338019 P338019 ND	TCCD AUG P348715 ====================================	TCCD OCT P355809 ND
2,3,7,8-tetra CDD 1,2,3,4,7,8-penta CDD 1,2,3,4,7,8-hexa CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF	==== 500 500 500 500 500 500 1000 250 500 500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001 0.001 0.050 0.500 0.100 0.100 0.100	TCCD FEB P328151 ===================================	TCCD MAY P338019 P338019 P338019 P34 P35 P36	TCCD AUG P348715 ====================================	TCCD OCT P355809

Above are permit required CDD/CDF isomers.

ND= not detected NA= not analyzed NS= not sampled